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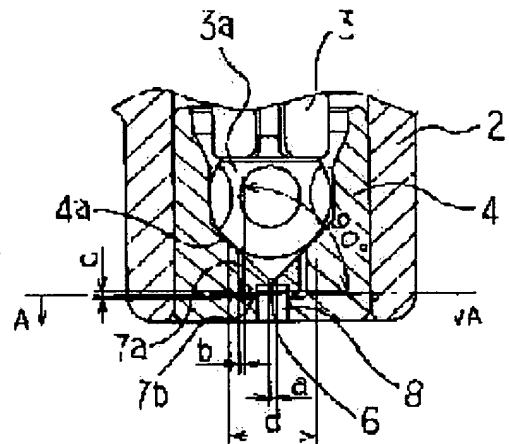
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(54) ELECTRONIC CONTROL FUEL INJECTION VALVE

(57)Abstract:

PROBLEM TO BE SOLVED: To atomize fuel by forming a center injection hole on an axial core of a valve seat body which abuts on a needle valve, forming a fuel injection port communicating with the center injection hole at a center of the valve seat body, and arranging a surrounding narrow hole in a valve axial direction of the valve seat body, and arranging a surrounding injection hole communicating with the surrounding narrow hole.

SOLUTION: In an electronic control fuel injection valve formed in such a constitution that an electromagnetic solenoid is excited, a ball valve 3a and a valve seat 4a are separated from each other by a prescribed movable rate, and fuel is injected from a tip end of a fuel injection side of a fuel injection valve; a center injection hole 6 is arranged on an axial core part of a valve seat body 4, one or more surrounding narrow hole 7a is arranged in a valve seal diameter (d), and around the center injection hole 6. A surrounding injection hole 7b is formed in a direction of 90 degrees to the surrounding narrow hole 7a communicating with the surrounding narrow hole 7a. The surrounding injection hole 7b is arranged so as to form an auxiliary atomizing for making collide with main atomizing injected from the center injection hole 6. A fuel flow rate which is necessary for a fuel injection valve is decided by one center injection hole 6 and one or more surrounding injection holes 7b.



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